

## **SYSTEMS AND METHODS FOR OPTICAL MEDIA MODIFICATION**

### **ABSTRACT OF THE DISCLOSURE**

Theft, distribution, and piracy of digital content on optical media (software, video, audio,  
5 e-books, any content of any kind that is digitally stored and distributed) is often accomplished by  
copying it directly to another disc using commonly available copy tools and recordable optical  
media, or the copying of media to another mass manufactured disc. Methods which cause the  
copy process to become lengthy and inconvenient, or which produce copies that are significantly  
measurably different from the original and therefore be recognizable as copies, may deter or  
10 prevent an unauthorized individual from making copies. In addition, methods which generate an  
intended slow-down in the read process of the media can be used to authenticate the media at run  
time. This offers significant advantages to content creators who wish to protect their products.

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